

TE-PUFPLUS HI-Vol PAH Air Sample Data Form

Sample Information

Full Site Name: Burns Harbor - Port

Site Abbreviation BHP-A-7

Deployment No. 7

Field *Deployment* Technician Name See H Keller Setup Date/Time 5/11/21 13:15

Sample Run Date 5/12/21 *Flow Conditions should be STD. Flow Rate should be 225 liters/min.*

Once all necessary fields in Timer screen have been set, 3 things should happen:

- ☒ Green power light should start to blink;
- ☒ Timer countdown should start indicating when sampling run will commence;
- ☐ Status on main screen should change to "Waiting".

Field *Recovery* Technician Name See H Keller Recovery Date/Time 5/13/21 9:15

Q _{std} Avg Flow (liters/min)	<u>224</u>	Actual Start Date/Time	<u>5/12/21 0:00</u>
CV	<u>0.41</u>	Actual Stop Date/Time	<u>5/13/21 0:00</u>
Q _{std} Volume (m ³)	<u>322.68</u>	T _{amb} Avg (°C)	<u>9.9</u>
Elapsed Time (HH:MM)	<u>24:00</u>	P _{amb} Avg (mmHg)	<u>755</u>
Flags? Expected Flags: Completed, Q _{std}			

Sample Status: VALID **VOID** (circle one) **VOID Reason:** _____

Site Observations

Run Day Temperatures: High 57 Low 32 Source: Weather Channel

Run Day Precipitation: 0

Run Day Wind/Wind Direction: N 12 mph

Run Day Sky Cover: Mostly Sunny

Unusual Events? (fires, major storms, construction, etc.): _____

Field Deployment and Recovery

Check all that apply.

Weekly Checks:

- ☒ Power cords/plugs ok?
- ☒ Gaskets ok?
- ☒ Shelter ok?
- ☒ Tubing ok?
- ☒ Timer ok?
- ☒ Debris removed?

Monthly Checks: (after 5th sample run of the month)

- ☐ Sampling head cleaned with Kim wipes?
- ☐ Pictures of site logbook taken?
- ☐ Completed TE-PUFPLUS One-Point Flow Check Form?
- ☐ Temperature sensors within $\pm 2^{\circ}\text{C}$ of transfer standard?
- ☐ Pressure sensor within $\pm 10 \text{ mmHg}$ of transfer standard?
- ☐ One-point flow verification within $\pm 10\%$ of Q_{std} PUFPLUS ($0.225 \frac{\text{m}^3}{\text{min}}$)?

Maintenance Notes:

Maintenance